



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/722,552	11/28/2003	Ming Fu Teng	BHT-3123-110	8356

7590 09/06/2005

TROXELL LAW OFFICE PLLC  
SUITE 1404  
5205 LEESBURG PIKE  
FALLS CHURCH, VA 22041

EXAMINER
----------

AYRES, TIMOTHY MICHAEL

ART UNIT	PAPER NUMBER
----------	--------------

3637

DATE MAILED: 09/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/722,552

Applicant(s)

TENG, MING FU

Examiner

Timothy M. Ayres

Art Unit

3637

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 November 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

### **DETAILED ACTION**

This is a first office action on the merits of application SN 10/722,552.

#### ***Drawings***

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the computer chassis and the computer peripheral must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 2, 4, 5, and 7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
4. In claim 4 it is unclear what does "latching" means and how that relates to the bay slot.
5. In claim 2, it is unclear how the bay slot can comprise axle arms.

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1, 4, and 6 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by U.S. Patent 6,130,822 to Della Fiora. Della Fiora '822 discloses a bay cover (26) on a front panel (22) of a computer chassis (20), being covered on a corresponding bay slot (24) on a front panel (22). The bay cover (26) and the bay slot (24) being disposed on the same side and respectively comprise an axle (46,48) and a

Art Unit: 3637

corresponding axle hole (68) for movably opening and closing the bay cover (26) so that a computer peripheral can be installed or removed without removing the front panel (22) and the bay cover (26).

8. Regarding claim 4, the other side of the bay cover (26) has a latch (36) for latching the bay slot (24).

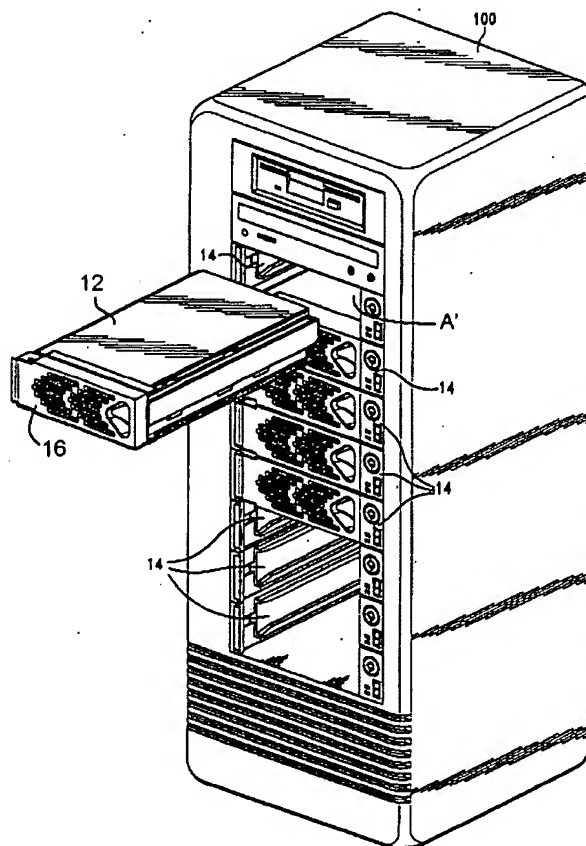
9. Regarding claim 6, the bay cover (26) is substantially convex outside and concave inside, for covering the exposed area of the computer peripheral as best seen in figure 2a and 2b.

10. Claims 1, 4, and 5 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by U.S. Patent publication 2002/0075657 to Terao. Terao discloses a bay cover (4) on a front panel (102) of a computer chassis (2), being covered on a corresponding bay slot (3) on a front panel (101,102). The bay cover (4) and the bay slot (3) being disposed on the same side and inherently has an axle and a corresponding axle hole for movably opening and closing the bay cover (4) since the bay cover (4) is hinged to one side. (Col. 1, par. 16, line 13-14). A computer peripheral (5,6) can be installed or removed without removing the front panel (101,102) and the bay cover (4).

11. Regarding claim 4, the other side of the bay cover (4) has a latch (107) for latching the bay slot (3).

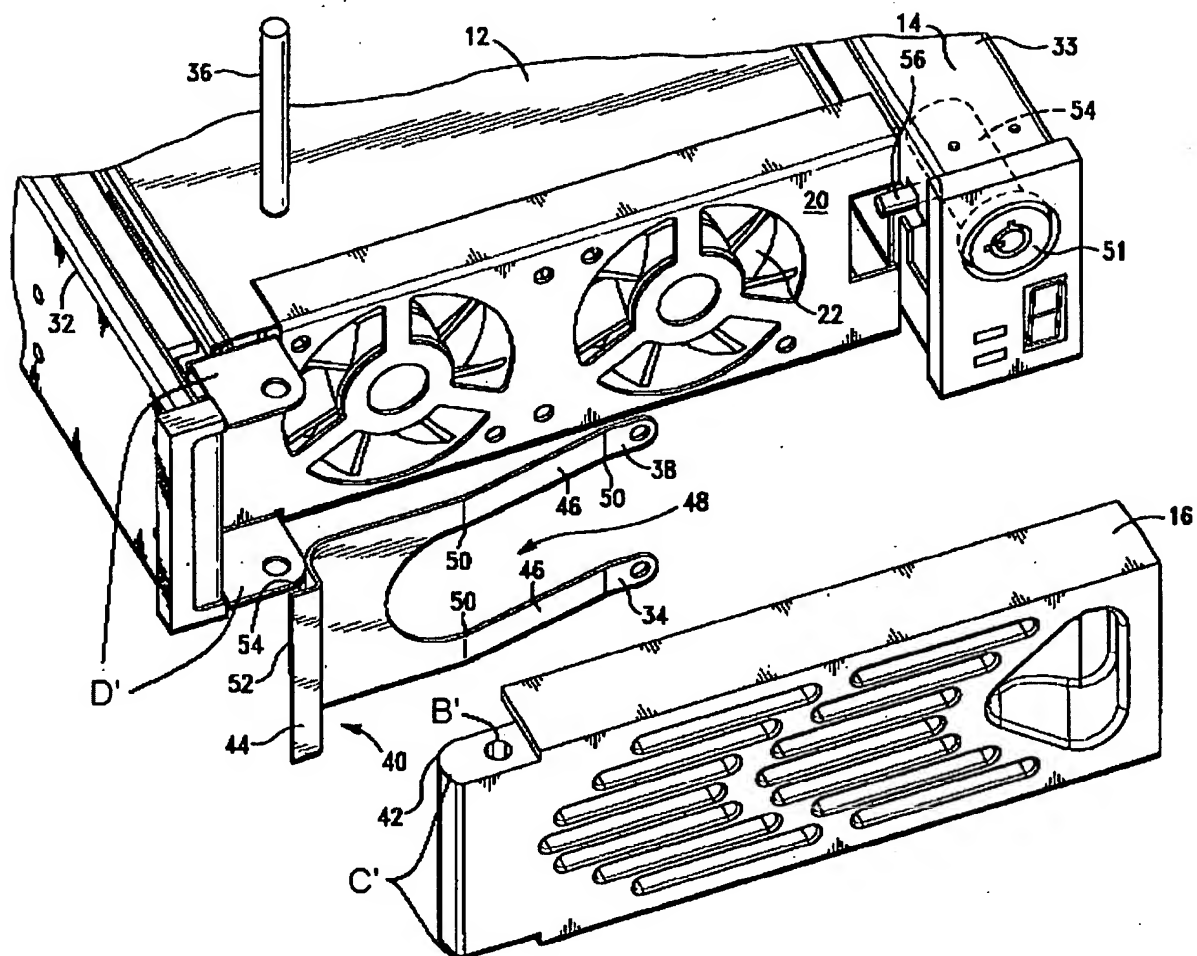
12. Regarding claim 5, the bay latch (107) is substantially a u-shaped bracket (Col. 2, par. 17, line 1).

13. Claims 1-3 and 7 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by U.S. Patent 6,193,339 to Behl. Behl '339 discloses a bay cover (16) on a front panel (14) of a computer chassis (100), being covered on a corresponding bay slot (A') on a front panel (14). The bay cover (16) and the bay slot (A') being disposed on the same side and respectively comprise an axle (36) and a corresponding axle hole (B') for movably opening and closing the bay cover (16) so that a computer peripheral (12) can be installed or removed without removing the front panel (14) and the bay cover (16).



Behl '339 Figure 10

14. Regarding claim 2, the bay slot (A') at one end respectively there is an upper and lower symmetrical axle arms (D') extended outward, and the axle arms at their corresponding surfaces on the free end respectively has an axle (36) when the axle is put through the holes on the arms (D').



Behl '339 Figure 3

Art Unit: 3637

15. Regarding claims 3 and 7, the bay cover (16) at one end respectively has upper and lower symmetrical grooves (C') extended inward, and the bottom surface of the two grooves (C') respectively has a corresponding axle hole (B') for pivotally coupling the axle (36).

### ***Conclusion***

16. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patent 6,478,392 to Gan discloses a pivotally bezel with a u-shaped latch and axle arms. U.S. Patent 5,924,782 to Park discloses a pivotal bay cover with a latch and axle and hole hinge system. U.S. Patent 6,394,300 to Bosy discloses a battery cover with a u-shaped latch.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy M. Ayres whose telephone number is (571) 272-8299. The examiner can normally be reached on MON-FRI 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lanna Mai can be reached on (571) 272-6867. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3637

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TMA  
8/30/05



LANNA MAI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

